

SEQUENCE LISTING

<110> OLSON, ERIC
FREY, NORBERT

<120> METHODS AND COMPOSITIONS RELATING TO MUSCLE SPECIFIC
SARCOMERIC CALCINEURIN-BINDING PROTEINS (CALSARCINS)

<130> UTSD:729USD1

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<141> 2004-01-16

<150> 10/045,594

<151> 2001-11-07

<150> 60/246,629

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<170> PatentIn Ver. 2.1

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Ser Asp Lys Tyr Thr Phe Glu Asn Phe Gln Tyr Gln Ser Arg Ala Gln
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Ile Asn His Ser Ile Ala Met Gln Asn Gly Lys Val Asp Gly Ser Asn
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Asn Leu Gly Lys Lys Ile Ser Val Pro Arg Asp Val Met Leu Glu Glu
 35             40            45

Leu Ser Leu Leu Thr Asn Arg Gly Ser Lys Met Phe Lys Leu Arg Gln
 50             55            60

Met Arg Val Glu Lys Phe Ile Tyr Glu Asn His Pro Asp Val Phe Ser
 65             70            75            80

Asp Ser Ser Met Asp His Phe Gln Lys Phe Leu Pro Thr Val Gly Gly
 85             90            95

Gln Leu Gly Thr Ala Gly Gln Gly Phe Ser Tyr Ser Lys Ser Asn Gly
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165	170	175
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180	185	190
Gly Val Asp Pro Gln Gln Lys	Met Glu Leu Gly Ile Asp	Leu Leu Ala
195	200	205
Tyr Gly Ala Lys Ala Glu Leu	Pro Lys Tyr Lys Ser Phe	Asn Arg Thr
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Ala Met Pro Tyr Gly Gly Tyr	Glu Lys Ala Ser Lys Arg	Met Thr Phe
225	230	235
Gln Met Pro Lys Phe Asp Leu	Gly Pro Leu Leu Ser Glu	Pro Leu Val
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 Ser Asp Lys Tyr Thr Phe Glu Asn Phe Gln Tyr Glu Ser Arg Ala Gln
 65 70 75 80
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 <212> PRT
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Tyr	Gln	Ser	Asp	Gly	Arg	Ser	His	Thr	Pro	Ser	Pro	Asn	Asp	Tyr	Arg
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Thr Phe Pro Arg Pro Gly Thr Pro Phe Ile Pro Glu Pro Leu Ser Gly
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 35 40 45
 Ser Leu Leu Phe Gln Lys Arg Gln Arg Arg Val Gln Lys Phe Thr Phe
 50 55 60
 Glu Leu Ser Glu Ser Leu Gln Ala Ile Leu Ala Ser Ser Ala Arg Gly
 65 70 75 80

Lys Val Ala Gly Arg Ala Ala Gln Ala Thr Val Pro Asn Gly Leu Glu
 85 90 95

Glu Gln Asn His His Ser Glu Thr His Val Phe Gln Gly Ser Pro Gly
 100 105 110

Asp Pro Gly Ile Thr His Leu Gly Ala Ala Gly Thr Gly Ser Val Arg
 115 120 125

Ser Pro Ser Ala Leu Ala Pro Gly Tyr Ala Glu Pro Leu Lys Gly Val
 130 135 140

Pro Pro Glu Lys Phe Asn His Thr Ala Ile Pro Lys Gly Tyr Arg Cys
 145 150 155 160

Pro Trp Gln Glu Phe Thr Ser Tyr Gln Asp Tyr Ser Ser Gly Ser Arg
 165 170 175

Ser His Thr Pro Ile Pro Arg Asp Tyr Arg Asn Phe Asn Lys Thr Pro
 180 185 190

Val Pro Phe Gly Gly Pro His Val Arg Glu Ala Ile Phe His Ala Gly
 195 200 205

Thr Pro Phe Val Pro Glu Ser Phe Ser Gly Leu Glu Leu Leu Arg Leu
 210 215 220

Arg Pro Asn Phe Asn Arg Val Ala Gln Gly Trp Val Arg Lys Leu Pro
 225 230 235 240

Glu Ser Glu Glu Leu
 245